Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025970.D
Acq On : 27 Feb 2017 19:11
Operator : SJ/MA
Sample : PB97196BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97196BS

Manual Integrations APPROVED
mohammad
3/1/2017 12:37:40 PM

Quant Time: Feb 28 02:24:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	80042	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	392629	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	281868	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	730513	20.00	ng		0.00
75) Chrysene-d12	21.66	240	740396	20.00	ng		-0.02
86) Perylene-d12	24.85	264	735212	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	739987	160.96	ng		0.00
7) Phenol-d6	7.23	99	1052787	154.75	ng		0.00
23) Nitrobenzene-d5	9.23	82	562041	90.34	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	489263	187.88	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1597953	99.06	ng		-0.01
78) Terphenyl-d14	20.01	244	2370934	77.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	70548	33.58	ng	#	86
3) Pyridine	3.93	79	206172	32.93	ng	#	76
4) n-Nitrosodimethylamine	3.84	42	87122	38.69	ng	#	34
6) Aniline	7.40	93	206980	21.88	ng	#	92
8) 2-Chlorophenol	7.65	128	268615	49.16	ng		86
9) Benzaldehyde	7.21	77	93498	23.19	ng	#	77
10) Phenol	7.26	94	367434	49.70	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	232584	38.27	ng		89
12) 1,3-Dichlorobenzene	7.97	146	255399	40.44	ng	#	89
13) 1,4-Dichlorobenzene	8.12	146	258701	40.43	ng		92
14) 1,2-Dichlorobenzene	8.43	146	253031	40.28	ng	#	89
15) Benzyl Alcohol	8.31	79	243360	48.85	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311270	35.30	ng		90
17) 2-Methylphenol	8.51	107	253066	47.52	ng	#	83
18) Hexachloroethane	9.17	117	84837	40.01	ng		89
19) n-Nitroso-di-n-propylamine	8.87	70	203277	40.91	ng	#	79
20) 3+4-Methylphenols	8.84	107	364019	47.97	ng		88
22) Acetophenone	8.89	105	393634	41.78	ng	#	80
24) Nitrobenzene	9.27	77	285273	42.40	ng	#	80
25) Isophorone	9.80	82	583216	42.60	ng	#	91
26) 2-Nitrophenol	9.98	139	153406	48.76	ng	#	68
27) 2,4-Dimethylphenol	10.04	122	303282	51.65	ng		87
28) bis(2-Chloroethoxy)methane	10.28	93	362426	41.77	ng		96
29) 2,4-Dichlorophenol	10.52	162	296829	52.96	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	258181	42.36	ng		99
31) Naphthalene	10.93	128	834914	41.13	ng		99
32) Benzoic acid	10.16	122	248314	55.39	ng	#	76
33) 4-Chloroaniline	11.02	127	111746	12.67	ng	#	83
34) Hexachlorobutadiene	11.22	225	141303	40.74	ng		98
35) Caprolactam	11.79	113	135890m	60.04	ng		
36) 4-Chloro-3-methylphenol	12.14	107	361000	53.84	ng	#	82
37) 2-Methylnaphthalene	12.52	142	688539	44.53	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	308367	43.65	ng		99
40) Hexachlorocyclopentadiene	12.87	237	346153	89.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	257750	56.49	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	283865	54.80	ng		92
45) 1,1'-Biphenyl	13.52	154	948785	46.45	ng		98
46) 2-Chloronaphthalene	13.56	162	698059	47.27	ng		98
47) 2-Nitroaniline	13.76	65	258008	55.09	ng	#	70
48) Acenaphthylene	14.40	152	1246196	47.40	ng		99
49) Dimethylphthalate	14.13	163	999482	51.69	ng		98
50) 2,6-Dinitrotoluene	14.25	165	235903	54.31	ng	#	66
51) Acenaphthene	14.74	154	816876	47.04	ng		98
52) 3-Nitroaniline	14.57	138	114793	23.63	ng	#	71
53) 2,4-Dinitrophenol	14.78	184	272787	120.01	ng	#	87
54) Dibenzofuran	15.08	168	1210950	52.31	ng		91
55) 4-Nitrophenol	14.88	139	461853	116.80	ng	#	49
56) 2,4-Dinitrotoluene	15.03	165	343468	58.77	ng	#	78
57) Fluorene	15.72	166	1024907	49.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	285078	62.39	ng		99
59) Diethylphthalate	15.49	149	1066543	53.32	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	478055	49.87	ng		93
61) 4-Nitroaniline	15.73	138	275268	54.65	ng	#	56
62) Azobenzene	16.00	77	966715	56.23	ng		87
64) 4,6-Dinitro-2-methylphenol	15.79	198	198072	46.33	ng		91
65) n-Nitrosodiphenylamine	15.92	169	950759	42.92	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	327030	42.71	ng		96
67) Hexachlorobenzene	16.72	284	337638	42.79	ng		98
68) Atrazine	16.86	200	357157	45.55	ng		96
69) Pentachlorophenol	17.06	266	444249	91.26	ng		98
70) Phenanthrene	17.45	178	1686418	42.53	ng		97
71) Anthracene	17.55	178	1764585	43.65	ng		100
72) Carbazole	17.80	167	1651660	40.67	ng		96
73) Di-n-butylphthalate	18.36	149	1905830	47.80	ng	#	94
74) Fluoranthene	19.45	202	1905004	43.63	ng		95
76) Benzidine	19.62	184	430492	18.42	ng		97
77) Pyrene	19.81	202	1917914	40.96	ng		99
79) Butylbenzylphthalate	20.69	149	851114	47.89	ng		86
80) Benzo(a)anthracene	21.63	228	1815828	42.01	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	364904	23.68	ng	#	97
82) Chrysene	21.71	228	1675031	40.30	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1195690	46.60	ng	#	99
84) Di-n-octyl phthalate	22.75	149	2087182	49.26	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.50	276	2189614	44.72	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	1910927	43.40	ng	#	95
88) Benzo(k)fluoranthene	23.91	252	1790610	41.68	ng	#	93
89) Benzo(a)pyrene	24.71	252	1814273	43.51	ng	#	93
90) Dibenzo(a,h)anthracene	28.57	278	1801497	43.01	ng	#	94
91) Benzo(g,h,i)perylene	29.65	276	1825183	43.46	ng	#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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